



SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS

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S.A.S.M.E.E. BULLETIN

1927---2011

**The Official Journal of
The South Australia Society of
Model & Experimental Engineers Inc.**

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Club Happenings

By J. C. F.

Saturday Field Day 20th August

A good day with a average size crowd. There were 5 birthday parties. A good attendance of locos and boats ensured those attending an enjoyable day.

Canteen

Jackie Monteodorisio
Jill Smith
Dawn Schaefer
Dorothy Ambler

Thank You Ladies

SASMEE Station 3¹/₂" & 5"

The following locos and drivers provided rides:

Malcolm Ambler	Co-Co	NSW 422 Class
Diesel #42215		
John Monteodorisio	0-6-0	Jabiru
Ian Foster 0-4-0	Apprentice	
John Mere	2-8-4	720 Class #724

Station Masters were:
Ainslie Cuthbertson
David Hawkins
Michael Tingay

Millswood Station 7¹/₄"

Barry Dunstan	0-4-0	Dolgoch
Graham Driscoll		4 Truck Shay

John Lewis

0-6-0

Sevenplex

Station Masters were:

Ian Clark

Jeff Schaefer

Milton Smith

Boat Pond

The following members and boats attended:

Stan Shelton

PS Adelaide

Michael priest

Corvette HMS Gardenia K99

Alan Saunders

T336 HMS Grenadier,

Military Class Armed Trawler

Alf Payne

Hamburg Fishing Trawler

Boulogne –Estaples, Fishing

Trawler

Michael Offler

Metinda Tug Boat

John Shelton

Tonga Outrigger

Wave Rider Mv 149

Sea Twister

John Babi

Atlantic Tug Boat

Glynne Thomas

Colwyn Bay Trawler

Lifeboat

Steam House

John Weidenhoffer

Ralph Ollerenshaw

Bob Scanlon

Safety Officer

John Foster

Gatekeeper

John Davey

Adelaide Miniature Railway open day on 10th September

There was a great turn up from our members and their locos. Attending were Graham and Josh Driscoll, John and Jackie Monteodorisio, Ian Clark, Bob Smith, Barry Dunstan, John Lewis, Mathew, Sue and Tash Leslie and John Foster.

Canteen

The following ladies enjoyed a brisk trade at the Canteen.

Toni Offler

Anne Hardy

Sue Leslie.

Ladies many thanks for your help.

SASMEE Station 3¹/₂" & 5"

The following locos and drivers provided rides:

John Beal	0-6-0	Schenectady
David Hawkins		
John Monteodorisio	0-4-0	Jack Junior
Michael Offler		
Ben Cottle	0-40, 0-40	49 +53
Brad Cottle		
Ian Foster	0-4-0	Titch
Mathew Leslie	C0-Co	BHP6000 GE AC
Mathew Leslie		6076
David Walton		
Michael Tingay		Heisler
Peter Hoy	2-8-2	D&RGW Mudhen
#453		
Graeme Driscoll	0-6-0 0-6-0	Kitson Meyer
Bryan Homan	2-8-0	Nigel Cressley #456

Station Masters Were:

Mark Coxon
David Walton
Allan Hardy

The following locos and drivers provided rides:

Barry Dunstan	0-4-0	Dolgoch
Simon Huntington		Bluey
Jeff Schaefer		
Bob Nash	0-6-0	Koppel
Glen Templeman		
Mitchell Templeton		
Bert Francis	0-4-0	Tally-llyn

Station masters were:

Ian Clark
John Lewis
Alex Mitropoulos

Boat Pond

The following members and boats attended:

Stan Shelton	PS Adelaide
Alf Payne	Hamburg, Fishing Trawler
	Andrea Gail, Trawler
Michael Offler	Metinda, Tug Boat
	Cabin Cruiser
Malcolm Ambler	Swiss Barge
	Steam Launch
	Cruiser 05
John Babi	Atlantic, Tug Boat,
Allan Walker	Will Everade Sprit Sail Barge
	Samson Tugboat
	Army Duck
Bob Smith	Daring Class Destroyer, Vendetta
Chris McKay	Sailing Boat Anne
	Cabin Cruiser
	Landing Craft LCU

Gatekeeper

John Davey

Safety Officer

John Foster

Saturday Public Field Day 17th September

Good weather attracted a large crowd with at least 6 birthday parties and several other groups. Numerous people expressed their enjoyment of the day. One little girl was most upset when she lost her teddy in the boat pond. Despite the efforts of a couple of boats it continued to float out of reach until Ralph donned his waders and came to the rescue.

The train enthusiasts had a great day but most boaties, except the paddle wheelers experienced frustration with the weed/algae build up. Between the cormorants and the early warm weather we are experiencing a build up of vegetation. Currently barley straw is being tried as a solution but will take 3-6 weeks to work. Any one wanting more detail on the barley straw solution can get details by 'Googling' barley straw or from www.simplegiftsfarm.com.

Canteen Ladies Were:

Jackie Monteodorisio
Margaret Coxon
Toni Offler
Shirley Mundy

Thank you ladies

Steam House

John Weidenhofer

SASMEE Park Station 31/2 "and 5"

John Beal/David Hawkins	0-6-0	Schenectady
John Monteodorisio	0-6-0	Jabiru
John Monteodorisio	0-4-0, 0-4-0	d/h Elect Shunters
		Jack, Junior
Ian Thomas	0-4-0	Electric Shunter
Brad Cottle	0-4-0, 0-4-0	d/h Electric Shunters
		#49, #43
Mathew Leslie	Co-Co	Mt. Goldsworthy
		BHP6000GEAC
Ian Foster	0-4-0	Club Loco
David Walton		

Station Masters Were:

Mark Coxon
David Walton
Ian Foster
Josh Driscoll
John Foster

Millswood Station 71/4"

Bert Francis	0-4-0	Harry
Barry Dunstan	0-4-0	Dolgoch

Station Masters Were:

Ian Clark
John Lewis
Trevor Morcom

Boat Pond

The following members and boats attended:

Allan Waller	Mady Fishing Boat
--------------	-------------------

Michael Priest

Gerry Turner

Mary Turner

Michael Offler

Cruiser

John Sheldon

Malcolm Ambler

Chris McKay

Army Duck

MSC Archer Tugboat

Hanson Bay Freighter

A-isha 2

Bristol Bay Trawler

Corvette Chriscraft Cabin

Turbo 2 Cruiser MV-310

Wave Rider MV-149

Sea Twister

Swiss Barge

Tenace Tugboat

Submarine

HMAS Swan

Safety Officer

Ralph Ollerenshaw

Gate Keeper

John Davy

Sunday Public Field Day 2nd October

After a week of rain Sunday dawned bright and sunny promising a good crowd and we were not disappointed. At least 8 birthday parties and numerous smaller groups. While a few of our members supported Pt. Augusta's weekend run we still had ample locos and boats to entertain our guests. The boaties were pleased to see the barley straw (an initiative of John Monteodorisio) had almost completely cleared the algae/weed from the pond.

Canteen

Jackie Monteodorisio

Margaret Coxon

Toni Offler

Steam House

Ralph Ollerenshaw
John Weidenhofer

SASMEE Station 31/2" & 5"

The following locos and drivers provided rides:

John Beal	0-6-0	Schenectady
David Hawkins		
John Monteodorisio	0-4-0	Jack Junior
Michael Offler		
Ben Cottle	0-40, 0-40	49 +53
Brad Cottle		
Ian Foster	0-4-0	Titch
Mathew Leslie	C0-Co	BHP6000 GE AC
Mathew Leslie		6076
David Walton		
Michael Tingay		Heisler
Peter Hoy	2-8-2	D&RGW Mudhen #453
Graeme Driscoll	0-6-0 0-6-0	Kitson Meyer

Station Masters were:

Mark Coxon
Ian Foster
Ainslie Cuthbertson

Millswood Station 7¹/₄"

Bert Francis	0-4-0	Harry
Barry Dunstan	0-4-0	Dolgoch
Bob Nash/Glen and Mitchell Templeman		
	0-6-0	Koppel

Station Masters Were:

Ian Clark
Rob Glover

Boat Pond

The following members and boats attended and were please to see the barley straw is still working well in the pond.

Stan Shelton	PS Adelaide	
Michael Offler	Metinda, Tug Boat	
	Cabin Cruiser	
Michael Priest	Afric Star	
Gerry Turner	A-isha 2	
Mary Turner	Bristol Bay Trawler	
John Sheldon	Turbo 2 Cruiser MV-310	
	Wave Rider MV-149	
	Sea Twister	
	Glynne Thomas	Colwyn
Bay trawler		
	Lifeboat	

Safety Officer

Jeff Schaefer

Gate Keeper

John Davey

11th October Meeting

A very well attended meeting which addressed the following:

- Resolution of the redevelopment of the 5" steaming bay,
- Agreeing the contract for the model boat lifter to be placed with Huntington Engineering,
- Accepting the quotations from K. Radke for painting of the old panelling on the workshop, the coal bunker and the 7¹/₄" steaming bay,
- Purchase of a 1000ltr rainwater tank for the steam house,

- Installation of garden seats with plaques to commemorate those members who have passed on to the great celestial workshop. Partly funded by the Awalt donation.

Saturday Public Field Day 15th October

The day broke cloudy and wet but with the exception of a light shower at about 2 o'clock the day cleared to bright skies with a cool breeze. An excellent crowd were in attendance with at least 8 birthday parties/large groups enjoying the day. Forty five members attended.

Canteen

Anne Hardy
Jean Clark
Jill Smith
Dorothy Ambler.

Once again ladies your help is most appreciated.

SASMEE Park Station 3¹/₂" and 5"

John Beal/David Hawkins	0-6-0	Schenectady
Ian Thomas	0-4-0	Electric Shunter
Ian Foster/Ainslie Cuthbertson	0-4-0	Club Loco
Malcolm Ambler/ Ainslie Cuthbertson	Co-Co	
	NSW 422 Class Diesel #42215	
Graeme Driscoll/ Ian Foster	0-6-0,0-6-0	
	Kitson Meyer ACNR #34	
John Mere	4-8-4	500 Class # 509
Allan Wallace	2-6-0	Black Five
Michael Moyse	C0-C0	Toledo Iron and Steel
		Steeple cab electric
Terry Tresize	0-6-0	Springbok #1088

Station Masters were:

Alan Hardy
Michael Tingay

Ainslie Cuthbertson

Millswood Station 7¹/₄"

Bert Francis	0-4-0	Harry
Barry Dunstan	0-4-0	Dolgoch
Bob Nash/Glen and Mitchell Templeman		
	0-6-0	Koppel
John Lewis	0-6-0	Sevenplex.

Station Masters Were:

Ian Clark
Rob Glover

Boat Pond

The following members and boats attended and were please to see the barley straw is still working well in the pond.

Stan Shelton	PS Adelaide
Michael Offler	Metinda, Tug Boat
	Cabin Cruiser
Michael priest	Afric Star
Bob Smith	Daring Class Destroyer, Vendetta
Gerry Turner	A-isha 2
Mary Turner	Bristol Bay Trawler
John Sheldon	Turbo 2 Cruiser MV-310
	Wave Rider MV-149
	Sea Twister
	Tonga Outrigger
Glynne Thomas	Colwyn Bay trawler
	Lifeboat

Steam House

Ralph Ollerenshaw
John Weidenhofer

Safety Officer

John Foster

Gate Keeper

Jack Davey

Entertainment after the meeting was by a DVD entitled Railways of Yesteryear depicting many of the restored railways and locos in Australia including the Victor Harbour horse tram and the Pichi Richi railway as well as many others throughout Australia.

Sunday Public Field Day 6th November

Despite predictions of rain the day proved warm and sunny resulting in a very good crowd with at least 10 birthday parties or large groups. Forty eight members attended with a good spread of boats 5 inch and 7 1/4 locos. Again the public was well catered for by the good lady members in the canteen ably assisted by Michael Offler grandson Jake Marshal and his girlfriend Rebecca Hobbs.

Canteen

Jackie Monteodorisio

Dawn Schaefer

Libby Foster

Once again thank you ladies

Steam House

Ralph Ollerenshaw

John Weidenhofer

SASMEE Park Station 3 1/2" and 5"

John Beal/David Hawkins

0-6-0 Schenectady

Graeme Driscoll	0-6-0,0-6-0	Kitson Meyer ACNR #34
John Mere	4-8-4	500 Class # 509
Michael Moyse	C0-C0	Toledo Iron and Steel
		Steeple cab electric
John Monteodorisio	0-4-0,0-4-0	D/H electric shunters
		Jack , Junior
Bryan Homan	2-8-0	Nigel Gressley No. 456
Simon Lindsay	2-8-0	Nigel Gressley No. 457

Station Masters were:

Mark Coxon
 Jeff Schaefer
 John Lewis
 John Foster

Millswood Station 7¹/₄"

Bert Francis	0-4-0	Harry
Barry Dunstan	0-4-0	Dolgoch
Bob Nash/Glen and Mitchell Templeman		
	0-6-0	Koppel

Station Masters Were:

Ian Clark
 David Walton
 Milton Smith
 Alex Mitropoulos

Boat Pond

The following members and boats attended and were please to see the barley straw is still working well in the pond.

Stan Shelton	PS Adelaide
Michael Offler	Cabin Cruiser

Michael Priest
Alan Saunders
Class Armed Trawler
Bob Smith
Steve Shelton

John Sheldon

Glynne Thomas
John Babi
John Foster

Afric Star
T336, HMS Grenadier, Military

Daring Class Destroyer, Vendetta
Bristol Bay Trawler
Mirage
Turbo 2 Cruiser MV-310
Wave Rider MV-149
Amsterdam Tug Boat
Atlantic Tugboat
Destroyer HT-28769F "Iriana"

Safety Officer

Ian Foster

Gate Keeper

Jack Davey

8th November 2011 Club Meeting

An excellent attendance for our annual show of work night. Work and those showing there are fully covered by Bill Cole later in the bulletin. Barry Dunstan curtesy of his good wife was thanked for the donation of 10 goldfish for our boat pond. We hope they can avoid the predatory Cormorant that thinks we provide fish for his meals.

The meeting decided that the Wednesday working bee day prior to run days should be reserved for clean up and only urgent other maintenance be done on those days. As many members as are available were urged to attend these days.

Members were reminded to register for the annual dinner and the Clipsal Factory tour.

Clipsal Tour 15th November

A well attended tour of the assembly and moulding shops gave us a good insight to low volume products produced for the Australian market. Unfortunately, all high volume products are now produced overseas along with moulding dies. A thankyou letter has been sent to Clipsal. Thanks to John Monteodorisio for organising the tour.

Sunday Public Field Day 19th November

A relaxed day with a smaller crowd attendance, possible due to prediction of rain, which did not eventuate at which thirty five members attended. One of the highlights which intrigued the children was three adult ducks and eight ducklings competing for pond space with the boaties. Speaking of ducks Allan 'Wally' Waller, who regularly brings his army amphibian DUKW and other boats produced his hovercraft for its first trial. Good lift off but back to the drawing board for more thrust from the propulsion propeller.

The pond was virtually clear of all algae and weed due to additional bales of barley straw and the additional fish. So far this year we seem to be staying ahead of the predatory cormorant that seems to regard our pond as a restaurant.

Canteen

Jackie Monteodorisio
Dorothy Ambler
Anne Hardy
Jill Smith

Thank you ladies for your efforts.

Steam House

Ralph Ollerenshaw
John Weidenhofer

SASMEE Park Station 3½" and 5"

John Beal/David Hawkins	0-6-0	Schenectady
Michael Moyse	Co-Co	Toledo Iron and Steel
	Steeple cab electric	
John Monteodorisio	0-6-0	Jabiru
Bryan Homan	2-8-0	Nigel Gressley No. 456
Malcolm Ambler	Co-Co	NSW 422 Class Diesel
	#42215	
Ian Foster	0-4-0	Club Loco Titch
Allan Wallace	2-6-4	Black Five
Bob Smith	4-8-2	NER Fletcher #910

Bob's period attire complete with bowler, waistcoat and bow tie certainly complemented his immaculately turned out loco. Please keep it up Bob. The crowd loved it.

Station Masters were:

Alan Hardy

Ian Foster

Ainslie Cuthbertson

John Foster

Millswood Station 7¼"

Bert Francis	0-4-0	Harry
Barry Dunstan	0-4-0	Dolgoch

Station Masters Were:

Ian Clark

Milton Smith

Alex Mitropoulos

Rob Glover

Boat Pond

The following members and boats attended and were please to see the barley straw is still working well in the pond.

Allan Waller	Samson, Tug Boat Hovercraft Army DUKW
Stan Shelton	PS Adelaide
Michael Priest	MSC Archer Tug Boat
Alan Saunders	T336, HMS Grenadier, Military
Class Armed Trawler	
Bob Smith	Daring Class Destroyer, Vendetta
Steve Shelton	Bristol Bay Trawler Mirage
John Sheldon	Wave Rider MV-149
Glynne Thomas	Amsterdam Tug Boat Life Boat #44-018
John Foster	Destroyer HT-28769F "Iriana"

Safety Officer

Michael Offler

Gate Keeper

Jack Davey

Annual Dinner National Motor Museum Birdwood 20th November

Thirty five persons attended including family members and one Japanese exchange student. A delightful barbecue lunch with salad and desert was catered by the Birdwood Lutheran Church with excellent wine at a very reasonable price. After lunch most people spent some time viewing the historic vehicles and motor bikes. A very pleasant day was had by all and our thanks go to John Monteodorisio for organising the event.

Boat Modellers.

Boat Modellers

All members with boats please remember to have your frequency tag on the board before turning on your transmitter. Don't let your mistake damage someone else's boat.

Change of Address

Earlier this year Milton Smith gave a very interesting talk on casting of resin materials and provided details of the local Adelaide supplier of these materials, namely Adelaide Casting and Moulding Supplies. This company has now changed its address to 9 Vincent Ave, Somerton Park, and phone 82940451.

Canteen

Members and partners please remember we are always looking for extra help in the canteen. We are GRATEFUL that the canteen looks after us very well every run day. If you can spare a day or two each year, your contribution would be very much appreciated.

Riding Trucks and Rolling Stock.

Members are advised that registration and checking of riding trucks and rolling stock to SASMEE requirements will commence in February 2012. Any questions or concerns contact Bryan Homann.

LOCO FOR SALE.

2/3rd completed LMS Black 5 in 7.25" g.

Painted chassis running on air. Needs boiler fittings etc. Steel wheels, cast axle boxes. C.I. cylinders, pistons & rings. Cast iron piston valves and sleeves. S.S. studding etc. Tender complete and painted. Zinc anneal body with Brass tank. Steel wheels on roller bearings. Tempered leaf springs.

Included with sale. Set of steam operated steam cocks. Everlasting blowdown valve. Cast dome and funnel. All necessary drawings

\$\$\$\$\$\$\$\$ --- Offers

A photograph of the loco is posted on the notice board in the SASMEE Clubrooms.

Further details ----- contact Terry Trezise 8552 3382 Victor Harbour.

Drive down and have a look !!.

OTHER THINGS By thre Editor.

Dennis Hilliar Chaddock, C.B.E. M.Sc. Eng. F.I. Mech. E. July 28, 1908--September 18th 1992 .The above gentleman would be best recognised as the creator of the "Quorn" Universal tool & cutter grinder. Many hundreds have been made throughout the world and due to its complexity many will remain unfinished. The QUORN is not a trivial undertaking!. He was given a treadle lathe for his 14th birthday. He constructed a model I.C. engine and whilst fitful and uncertain in operation it did run. This established his life long passion in things mechanical. Schooled at Hamstead University Colledge he received honors in maths, physics and chemistry. He under took a 5 year apprenticeship with Aldolp Sauer AG in Arbon, Switzerland. Returning to London University he earned his Bachelor of Science. During WW1 he enlisted with the British Army and was commisioned as a Lieutenant with the Royal Army Ordinance Corp. Discharged in 1946 with the rank of Lieutenant Colonel he spent the next 20 years untill 1966 working as a civil servant in the Ministry of Defence working on ballistics. He received a C.B.E. For his work in this field. Until his retirement in 1978 he was Professor of Engineering Design at Loughborough University. He became interested in high speed turbines in model engines and using flash steam as a powere source he developed bearings and turbine bearing systems, eventually achieving speeds of 120,00 rpm. Having retired at 65 with the title of *Professor Emeritus* he registered "Quorn engineering", named for the town in which he lived. He underetook consultative work for industry.

The Quorn T&C grinder arose as a means to and end. He was working on a scale model of the 1.5 litre BRM V-8 racing engine. Realising that it would require a lot of small cutters he set about building the tool to make the tooling to make the model. Although the V-8 was never quite finished the "Quorn T & C grinder" became an instant hit with model engineers.

Editorial Correction {September 2011 Bulletin}

It was pointed out by an eagle eyed member of the boating fraternity that in the article on the " HMS Warrior" that it was commissioned in 1861 and ordered in 1895 some 34 years after completion! The ordering date should have read 1859.

SASMEE OFFICE BEARERS

President.	John Foster.	0419 810 478 8336 3119
Vice President.	John Montedorisio.	0409 838 494 8276 4675
Secretary.	Jeff Schaefer.	8298 6927
Minute Secretary.	John Beal.	8397 0998
Treasurer.	Ralp Ollerenshaw.	8379 0998
Asst. Treasurer.	Ian Foster.	8381 0330

Committee.

Mark Coxon.	8277 3763
David Hawkins.	8371 1350
Micheal Offler.	8276 2360
John Weidenhoffer.	8536 2813

Auditor. Michael Moyse.

Librarians. Jack Davey.
Bill Coles.

Boiler Inspectors.

John Levers.	8356 0135
John Montedorisio.	0414 838 408
Bryan Homann.	8390 1925

Canteen Managers.

John Montedorisio.	0414 838 408
Jackie Montedorisio.	

Vice Patron. Bernie Dickinson. BA. CPeng. Fie Aust. FI Mar EST.

SASMEE Bulletin. Bill Coles. 4 Clovelly Ave Hove. 5048
Email. bjhove@internode.on.net

SASMEE Mail. PO Box 208 Goodwood SA. 5034

NOVEMBER 8th , 2011. SHOW OF WORK.

By the Editor

The November "Show of Work Night" has been a tradition within SASMEE where members have the opportunity to bring along a show piece for display but also to see what has been going on in the workshops of members over the past 12 months.

This year was no exception with a wide range of items. As is usual the Bulletin reports on the event with photos and a brief description. For the description I have given a number to each photo. As regards the quality of the photos [clarity/size] I am not the most professional in this field and to add to the end result the positioning of the models results in a bit of a cluttered effect. On this line of thought a couple of extra trestle tables next year additional to the existing, would allow all work to be viewed for greater appreciation.

Photos 1-2 & 3 is the work of Simon Huntington with his well progressed Allchin in 1/4 scale. This is one of the "Allchin Group" models which illustrates good detail and the need for a means of transporting such a project.

Photo 4 is a work in progress rear paddle wheel for a stern wheeler steamer. Project is by Malcolm Ambler. We all look forward to seeing the progress made in 2012.

Photo 5 & 6 Ron Christie is known for constructing objects away from the norm. This year Ron featured a duel pitched sounding siren and a twin cylinder vertical steam engine, constructed as "he went along."

Photos, 7,8 & 9 show some great work by Ralph Byles. Ralph is leading the pack of the Allchin Group with completion well on the way. The 2 speed gearing on the highly finished crank shaft exhibited the high standard Ralph is aiming for. Evidence of a lot of heavy metal working. A trailer would be a necessity for units of this size/weight.

Photos 10,11 & 12. Construction of a powerful patrol boat, K.S. Kercasa, is taking shape due to the efforts of Stan Shelton. Triple drive shafts driven by a 26cc water cooled pull start engine, plus an auxillary electric motor for pond cruising, this project will be something to watch in the not to distant future. A really neat,smart and thoughtful layout.

Photos 13,14, 15 &16. My apologizes to Mike Priest for not recording the name of his navel vessal. This model was a extremely detailed unit. The photos don't do justice but one could spend a lot of time looking at the detail work that went into making this a first class presentation. Maybe a talk to members can be arranged?

Photo 17 Ken White's beam engine with parallel motion was a very nice unit. We did not have the opportunity to see it running but word has it that it turns over with very little pressure.

Photo 18 is a double acting 3 cylinder show piece from the workshop of Don Fleming. Made from available materials Don has made an impressive and interesting unit.

Photos 19, 20 & 21. A side wheeler in 1/4 scale powered by a gas fired Stuart Turner twin, "Scorer" was the work of Mike Offler. Some 50 inches long with a beam of 6-3/4" this a very finely detailed model and will be worth watching on the pond when completed.

Photos 22, 23 & 24. Bob Smith had 3 projects on display. The patterns and end cast result of the dome for his latest loco. A partially completed "D" type tramcar in HO gauge.!!! and a modification to a two stroke engine with the addition of a water cooled cylinder head. A wide range of skills being exhibited by Bob.

Photo 25. A most practical workshop aid was on the table by John Beal. An optical centre punch. Well finished, this item of tooling is a precision aid when marking out. The inclusion of an "O" ring in the base ensures a nonskid condition.

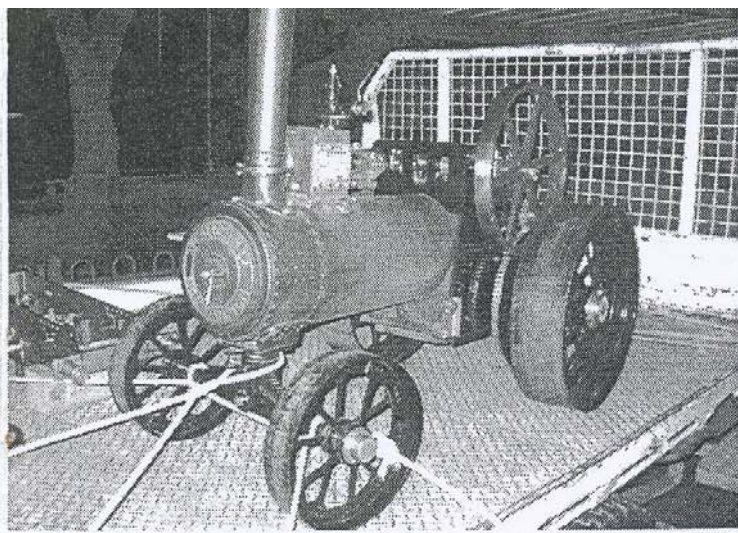
Photo 26 Due to the positioning of this project the photo does not show the first class work that is evident on the chassis of a 7-1/4"g "Speedy" by Bob Nash. The additional pattern and machined driver are typical of the standard set by Bob. This project will be another performance loco in Bob's stable.

Photo 27. Another very fine project which could not be fully appreciated. Bryan Homann displayed the under frame of a 5"g Commonwealth Railway carriage. Built to scale proportions the amount of construction detail was most impressive. The detailed rivetting was extremely neat and would have called for a high degree of forthought to ensure the next unit could be attached and fastened. Will be a first class unit when completed. The project was complimented by full size details.

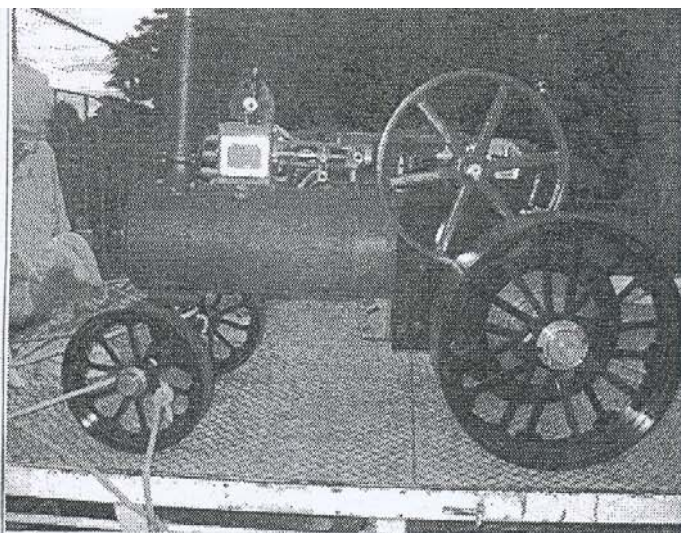
Photo 28 shows Bill Cole's 1/4 scale De Haviland Cirrus under construction. No castings have been used in the year to date construction period.

The evening concluded with a short explanation of their work by the exhibitors. The Annual Show of work is a great venue for the exchange of questions and answers. Plenty of material for guest speaker nights.

Editor's note. Let me know if any corrections are required to the above..



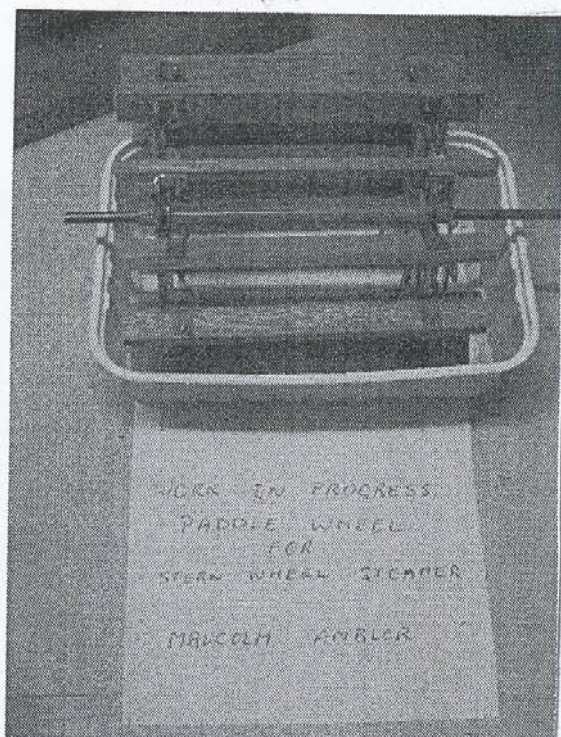
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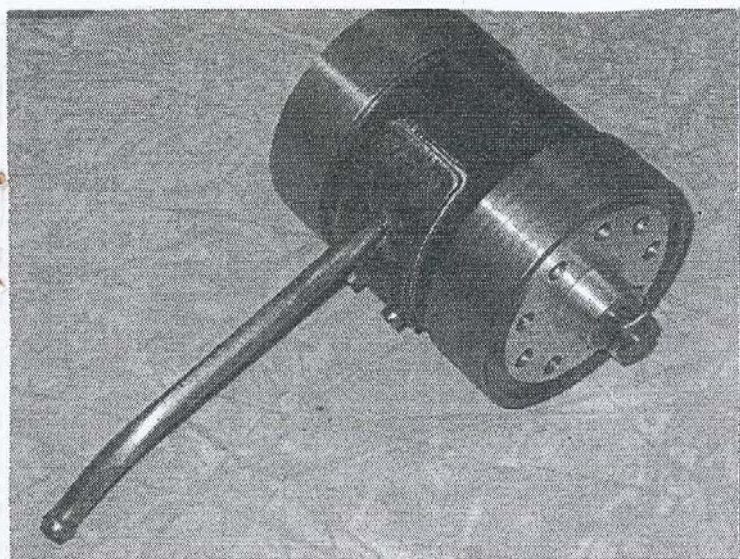
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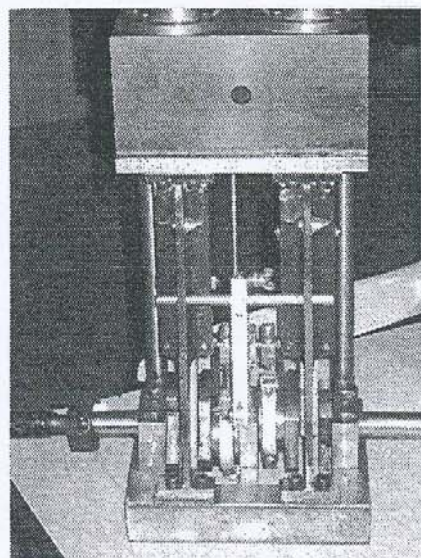
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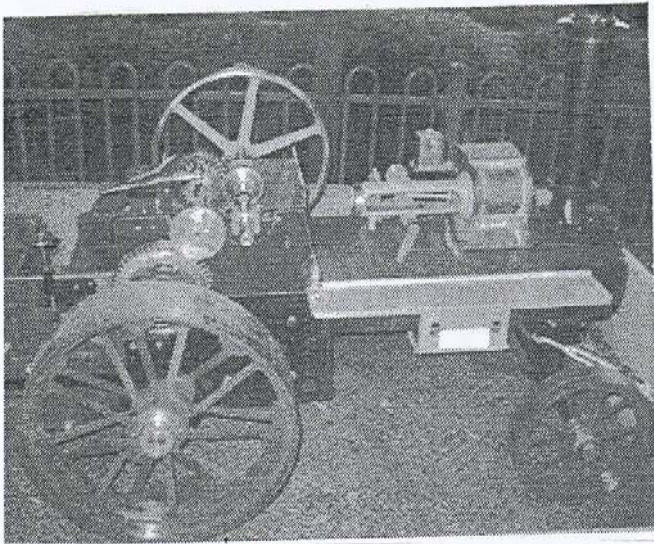
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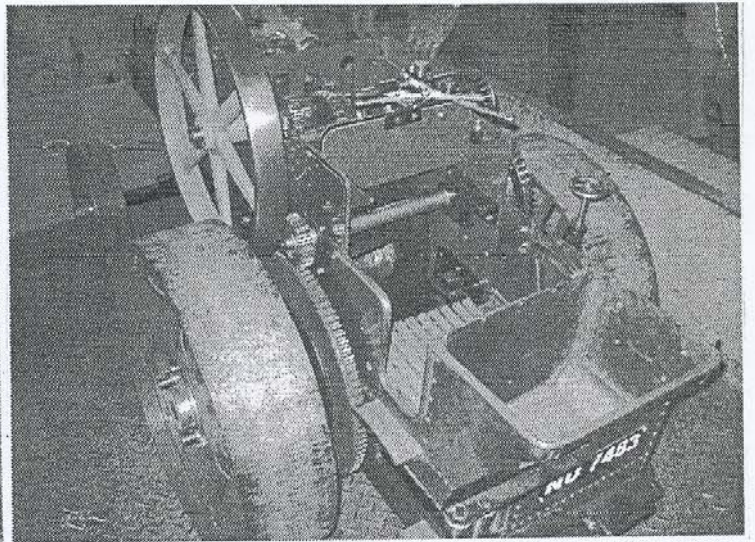
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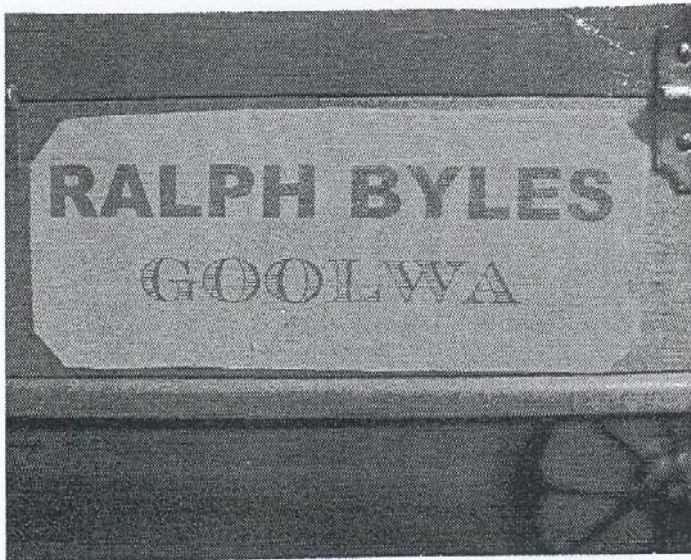
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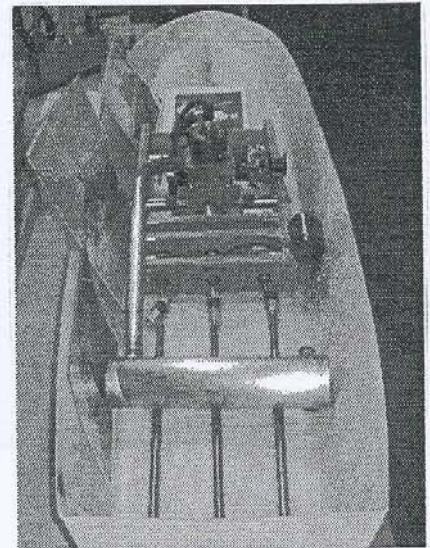
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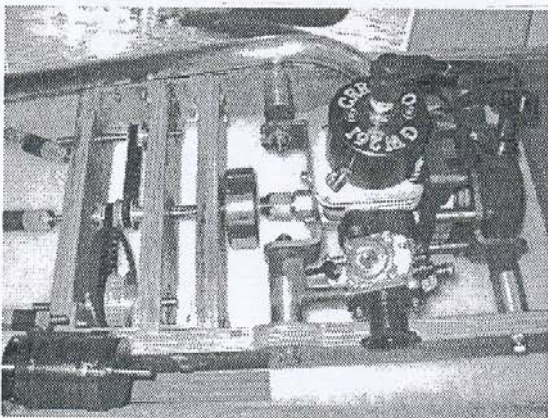
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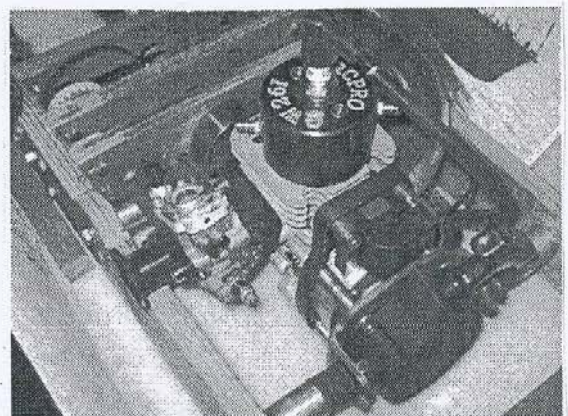
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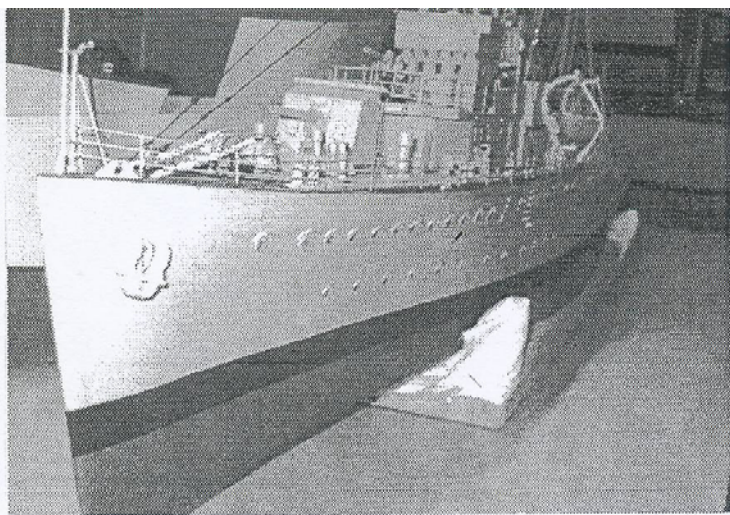
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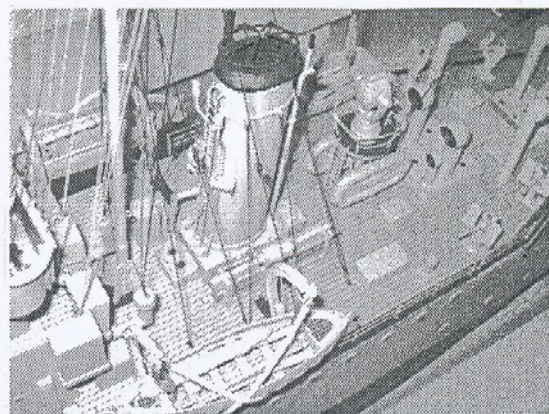
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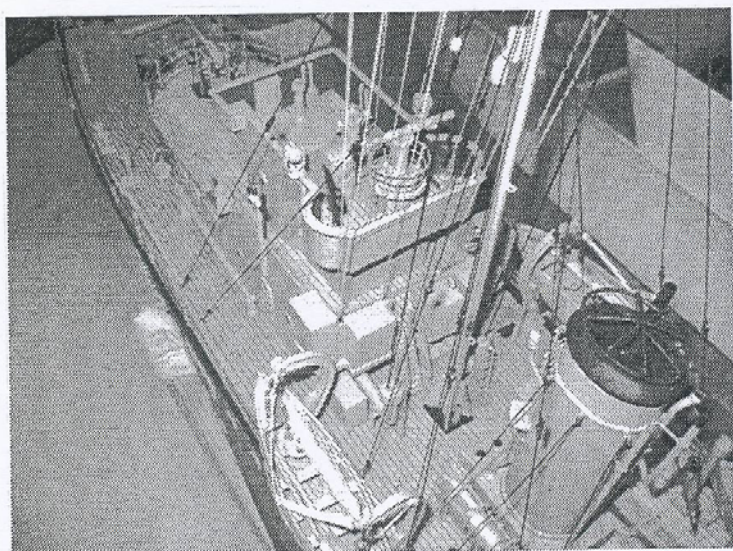
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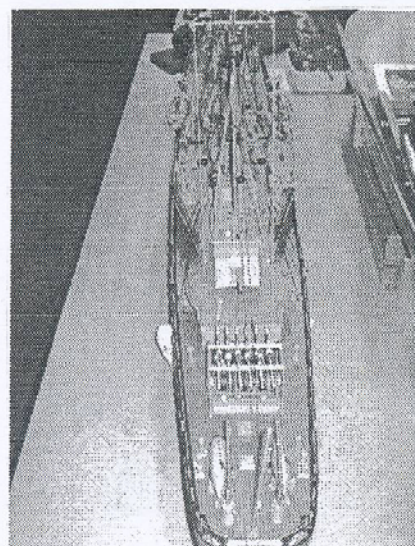
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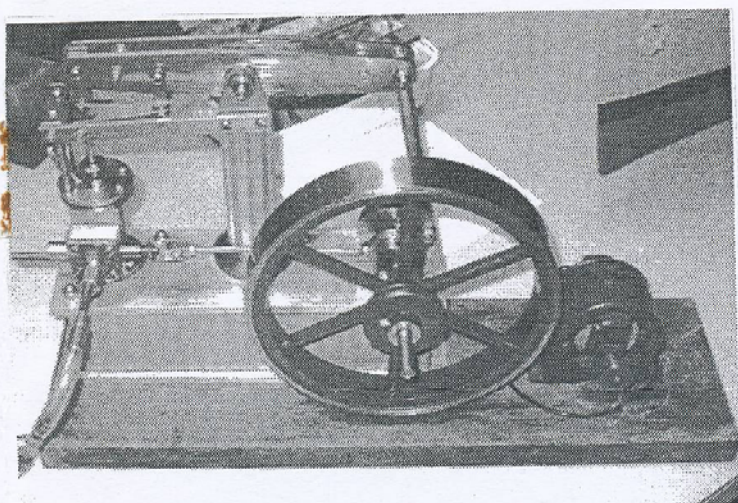
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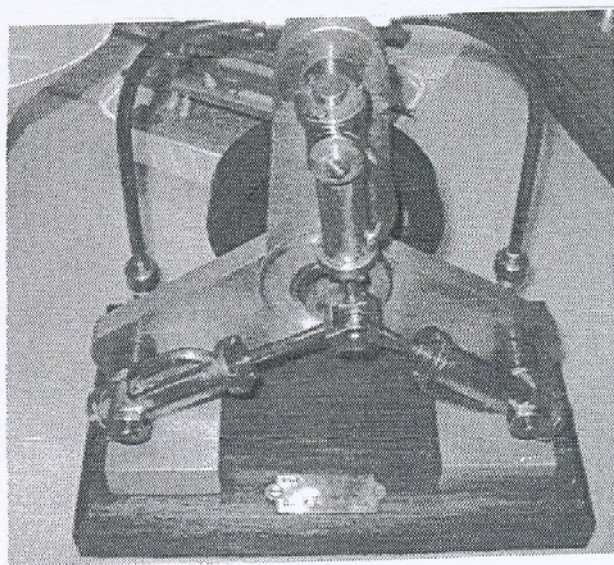
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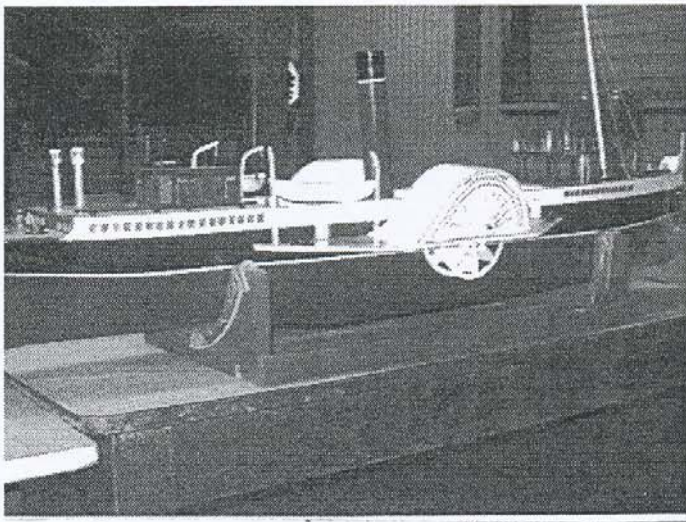
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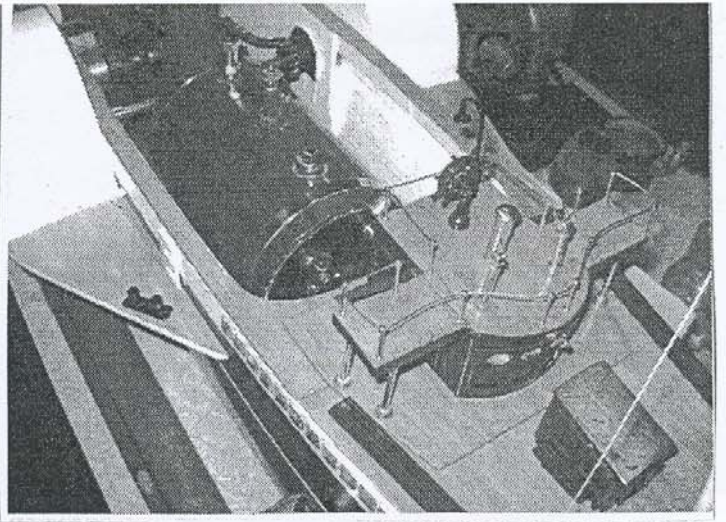
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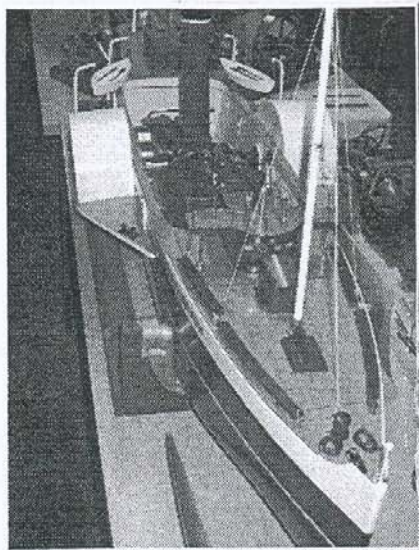
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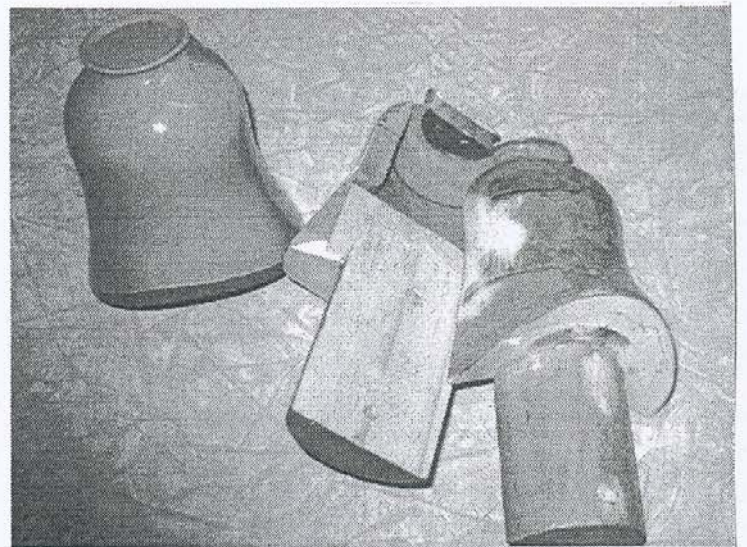
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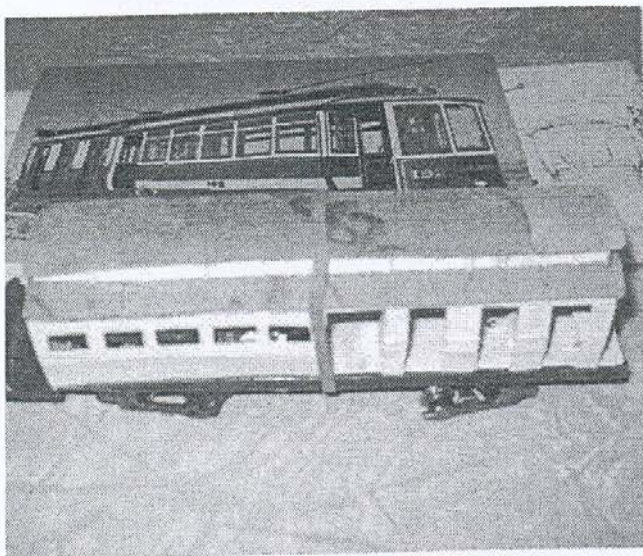
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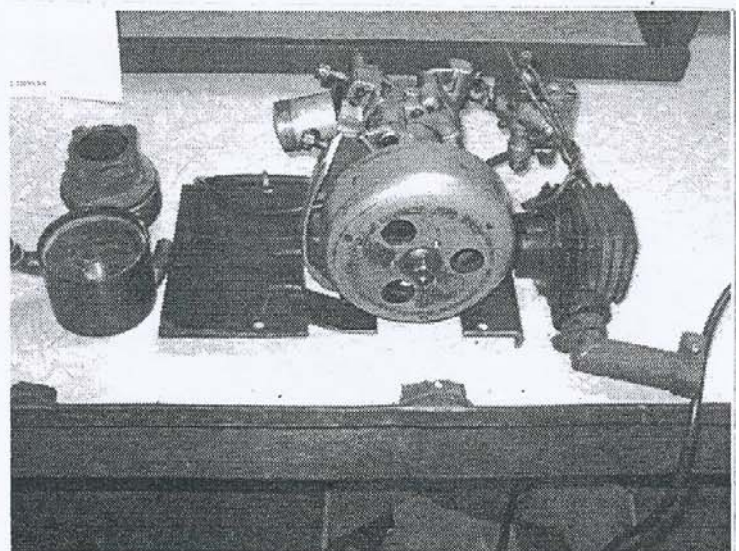
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